

Manufacturers' Shipments, Inventories, and Orders

JULY 1984

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U.S. Department of Commerce
BUREAU OF THE CENSUS

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(All figures in text are in seasonally adjusted current dollars)

SUMMARY. New orders for manufactured goods in July increased \$1.8 billion or 1.0 percent to \$192.5 billion. Since reaching the recession low in November 1982 of \$153.1 billion, new orders increased through March of this year to \$196.5 billion, but have since fluctuated, averaging \$191.6 billion.

Shipments of manufactured goods showed a slight decline in July, down \$0.7 billion or 0.4 percent from June to \$189.7 billion. A decline of 1.3 percent in the durable goods sector was partially offset by a 0.6 percent increase in the nondurable sector.

Manufacturers' unfilled orders continued to increase, although at a slower pace, as new orders again exceeded shipments. Unfilled orders for July were up \$2.7 billion or 0.8 percent from June to \$358.4 billion.

Manufacturers' inventories showed additional expansion in July increasing \$2.5 billion or 0.9 percent to \$280.0 billion, moving the inventory to shipments ratio up to 1.48 from 1.46 in June.

NEW ORDERS. New orders for durable goods in July increased \$1.3 billion or 1.3 percent to \$100.5 billion. This revised downward the earlier reported 2.2 percent increase. Transportation equipment was up \$1.2 billion or 4.9 percent to \$25.2 billion, the strongest showing since the 6.5 percent gain in March. The July increase was caused mostly by the motor vehicle and defense aircraft and parts industries.

Primary metals were up \$0.8 billion or 7.7 percent to \$10.9 billion, following large declines in June of 4.7 percent and May of 10.3 percent. Since peaking last November at \$12.1 billion, both the steel and the nonferrous components have been fluctuating.

The largest decline in new orders was in nonelectrical machinery down \$1.0 billion or 5.2 percent to \$17.6 billion. This is the third decline in the last four months.

New orders for nondurable goods increased in July \$0.5 billion or 0.6 percent to \$92.0 billion.

SHIPMENTS. The decline in July shipments of durable goods was due mostly to a drop in machinery; nonelectrical was down \$0.7 billion or 3.8 percent to \$17.1 billion and electrical \$0.3 billion or 2.1

percent to \$15.1 billion. Transportation equipment was flat at \$23.6 billion, as an increase in motor vehicles and parts was offset by a decline in aircraft and parts.

The increase in nondurable goods shipments was widespread. The largest gains were in food and kindred products, up \$0.5 billion or 1.9 percent to \$24.9 billion, and chemicals, up \$0.3 billion or 1.6 percent to \$18.2 billion. The largest declines were in tobacco, down \$0.3 billion or 17.3 percent to \$1.3 billion, and petroleum products, down \$0.3 billion or 1.6 percent to \$16.3 billion.

UNFILLED ORDERS. Between the recession low in November 1982 of \$293.1 billion and March 1984 of \$348.7 billion, unfilled orders increased at a rate of 1.2 percent per month, but have since slowed to 0.7 percent. This month's increase was concentrated in the transportation equipment and machinery industries. Transportation equipment was up \$1.7 billion or 1.1 percent to \$147.2 billion; machinery was up \$1.5 billion or 1.0 percent to \$142.8 billion. Primary metals declined \$0.4 billion or 1.9 percent to \$20.5 billion. This is the third consecutive decline in the metals order backlog, dropping the level \$2.4 billion below the April high of \$22.9 billion.

INVENTORIES. Inventories, valued at \$280.0 billion at the end of July, have been growing briskly since January when they were valued at \$260.9 billion, a rate of 1.2 percent per month. These increases are mostly in work in process and finished goods.

The increase in July inventories was mostly in the durable goods industries. Transportation equipment climbed \$0.9 billion or 2.0 percent to \$45.1 billion, electrical machinery was up \$0.6 billion or 2.1 percent to \$30.8 billion and nonelectrical machinery up \$0.5 billion or 1.4 percent to \$39.0 billion. The other durable goods industries showed much smaller increases.

Most of the nondurable goods industries showed small inventory increases with the largest dollar gains coming in paper, printing and publishing, and chemicals.

SCHEDULED RELEASE DATES. The advance report on durable goods for August is scheduled for release on September 25, 1984 at 8:30 A.M. and the full report on October 3, 1984 at 10:00 A.M.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)															
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹						
		Monthly				Percent change			Monthly				Year to date		
		July 1984 ^P	June 1984 ^T	May 1984	Apr. 1984	June-July ^P	May-June ^T	Apr.-May	July 1984 ^P	June 1984 ^T	May 1984	Apr. 1984	1984 ^P	1983	
	All manufacturing industries	189,716	190,401	189,376	187,332	-0.4	+0.5	+1.1	174,542	201,941	191,416	188,667	1,310,557	1,147,742	
	Manufacturing industries with unfilled orders.....	100,762	101,832	100,178	97,825	-1.1	+1.7	+2.4	91,493	108,123	100,927	98,689	689,047	587,622	
	Durable goods industries.....	97,798	99,042	97,944	95,697	-1.3	+1.1	+2.3	87,928	106,969	99,968	97,967	679,325	568,301	
	With unfilled orders.....	79,732	81,124	79,623	77,689	-1.7	+1.9	+2.5	72,019	87,008	80,486	78,562	548,653	463,891	
32	Stone, clay, and glass products.....	4,510	4,495	4,612	4,486	+0.3	-2.5	+2.8	4,464	4,923	4,719	4,578	31,281	27,340	
322	Glass containers.....	395	361	404	389	+9.4	-10.6	+3.9	390	407	415	396	2,732	2,891	
33	Primary metals.....	11,336	11,488	11,342	11,191	-1.3	+1.3	+1.3	10,297	12,215	11,756	11,772	80,427	65,518	
331	Blast furnaces, steel mills.....	4,859	4,906	5,032	4,719	-1.0	-2.5	+6.6	4,388	5,264	5,097	5,012	34,061	26,760	
333-9	Nonferrous and other primary metals.....	5,189	5,349	5,105	5,280	-3.0	+4.8	-3.3	4,800	5,595	5,335	5,481	37,506	32,251	
34	Fabricated metal products.....	11,233	11,145	11,219	10,930	+0.8	-0.7	+2.6	10,315	12,017	11,426	11,181	77,540	67,405	
341	Metal cans, barrels, and drums.....	976	964	921	890	+1.2	+4.7	+3.5	1,050	1,072	957	880	6,468	6,586	
35	Machinery, except electrical....	17,139	17,821	17,704	16,768	-3.8	+0.7	+5.6	15,460	19,529	17,644	16,685	118,970	99,445	
351	Engines and turbines.....	1,304	1,273	1,228	1,286	+2.4	+3.7	-4.5	1,144	1,399	1,248	1,330	8,836	6,927	
352	Farm machinery and equipment..	792	848	924	912	-6.6	-8.2	+1.3	662	936	1,015	1,016	6,527	6,309	
353	Construction, mining, and material handling equipment..	2,838	2,985	2,843	2,549	-4.9	+5.0	+11.5	2,725	3,194	2,880	2,585	18,940	15,893	
354	Metalworking machinery.....	844	777	847	832	+8.6	-8.3	+1.8	736	855	824	814	5,586	4,399	
356	General industrial machinery..	1,437	1,334	1,394	1,359	+7.7	-4.3	+2.6	1,312	1,443	1,414	1,344	9,583	8,206	
357	Office and computing machines..	4,061	4,790	4,493	4,112	-15.2	+6.6	+9.3	3,456	5,273	4,161	3,689	28,356	24,598	
36	Electrical machinery.....	15,115	15,435	15,006	14,606	-2.1	+2.9	+2.7	13,576	16,510	14,970	14,637	103,048	86,747	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	2,074	2,048	2,034	2,002	+1.3	+0.7	+1.6	1,800	2,207	2,041	2,019	14,111	12,277	
363	Household appliances.....	1,514	1,598	1,486	1,334	-5.3	+7.5	+11.4	1,456	1,733	1,470	1,337	10,136	8,473	
365	Radio and TV.....	874	779	936	815	+12.2	-16.8	+14.8	706	910	842	721	5,602	4,643	
366	Communication equipment.....	4,325	4,689	4,439	4,286	-7.8	+5.6	+3.6	3,946	5,041	4,509	4,411	30,676	27,467	
367	Electronic components.....	3,828	3,919	3,687	3,676	-2.3	+6.3	+0.3	3,491	4,107	3,757	3,801	25,697	19,528	
37	Transportation equipment.....	23,553	23,627	23,196	22,845	-0.3	+1.9	+1.5	20,072	25,824	24,465	24,167	166,525	133,934	
371	Motor vehicles and parts.....	15,706	15,324	15,558	15,175	+2.5	-1.5	+2.5	12,842	17,058	16,717	16,363	112,853	83,070	
372,6	Aircraft, missiles, and parts.	6,222	6,584	6,006	5,992	-5.5	+9.6	+0.2	5,692	6,972	6,047	6,011	41,881	40,531	
3731,95	Shipbuilding and military tank vehicles.....	843	895	779	918	-5.8	+14.9	-15.1	840	936	819	878	5,931	5,825	
38	Instruments and related products	4,882	4,774	4,809	4,734	+2.3	-0.7	+1.6	4,385	5,122	4,710	4,634	32,076	27,803	
381-4	Scientific and engineering instruments.....	2,986	2,779	2,824	2,717	+7.4	-1.6	+3.9	2,628	2,957	2,747	2,709	19,082	16,429	
386	Photographic goods.....	1,668	1,786	1,767	1,797	-6.6	+1.1	-1.7	1,553	1,947	1,746	1,707	11,577	10,018	
24,25, 39	All other durable goods.....	10,030	10,257	10,056	10,137	-2.2	+2.0	-0.8	9,359	10,829	10,278	10,313	69,458	60,109	
	Nondurable goods industries.....	91,918	91,359	91,432	91,635	+0.6	-0.1	-0.2	86,614	94,972	91,448	90,700	631,232	579,441	
	With unfilled orders.....	21,030	20,708	20,555	20,136	+1.6	+0.7	+2.1	19,474	21,115	20,448	20,127	140,394	123,731	
20	Food and kindred products.....	24,874	24,409	24,944	25,143	+1.9	-2.1	-0.8	23,416	25,408	24,545	24,339	170,163	163,442	
201	Meat products.....	5,874	5,869	5,817	6,020	+0.1	+0.9	-3.4	5,686	5,980	5,806	5,755	40,383	38,459	
208	Beverages.....	3,815	3,725	3,657	3,607	+2.4	+1.9	+1.4	4,002	4,220	3,821	3,715	25,398	24,506	
207	Fats and oils.....	1,342	1,414	1,500	1,384	-5.1	-5.7	+8.4	1,246	1,397	1,405	1,342	9,609	9,124	
203-6,9	All other foods.....	10,834	10,197	10,773	10,893	+6.2	-5.3	-1.1	9,458	10,472	10,310	10,294	72,254	69,261	
21	Tobacco products.....	1,295	1,566	1,414	1,321	-17.3	+10.7	+7.0	1,291	1,641	1,420	1,286	9,414	8,151	
22	Textile mill products.....	4,571	4,595	4,687	4,737	-0.5	-2.0	-1.1	3,894	4,995	4,762	4,694	32,504	28,961	
26	Paper and allied products.....	8,277	8,189	8,026	7,784	+1.1	+2.0	+3.1	7,776	8,546	8,076	7,917	55,947	48,564	
261-3,6	Pulp, paper etc.....	3,592	3,508	3,528	3,411	+2.4	-0.6	+3.4	3,350	3,688	3,612	3,491	24,370	20,637	
265	Paperboard containers.....	1,859	1,807	1,836	1,777	+2.9	-1.6	+3.3	1,744	1,875	1,838	1,803	12,518	10,799	
264	All other paper products.....	2,826	2,874	2,662	2,596	-1.7	+8.0	+2.5	2,682	2,983	2,626	2,623	19,059	17,128	
28	Chemicals and allied products..	18,187	17,901	17,559	17,643	+1.6	+1.9	-0.5	16,500	19,045	18,493	18,308	125,020	107,873	
281,6	Industrial chemicals, except pigments.....	5,717	5,710	5,589	5,717	+0.1	+2.2	-2.2	5,322	6,036	5,690	5,945	40,096	33,420	
283,4	Drugs, soaps, and toiletries..	4,728	4,743	4,492	4,301	-0.3	+5.6	+4.4	4,260	5,027	4,200	4,039	30,601	28,262	
29	Petroleum and coal products....	16,284	16,541	16,507	17,168	-1.6	+0.2	-3.9	16,012	17,044	16,534	16,579	114,418	109,015	
30	Rubber and plastics products....	4,492	4,352	4,400	4,330	+3.2	-1.1	+1.6	4,275	4,682	4,411	4,475	30,662	28,532	
23,27, 31	All other nondurable goods.....	13,938	13,806	13,895	13,509	+1.0	-0.6	+2.9	13,450	13,611	13,207	13,102	93,104	84,903	
	Market categories:														
	Home goods and apparel.....	13,049	13,202	13,204	12,680	-1.2	0.0	+4.1	12,033	13,608	12,583	12,226	88,690	79,190	
	Consumer staples.....	34,158	33,798	33,786	33,741	+1.1	0.0	+0.1	32,210	35,147	33,162	32,812	230,514	217,133	
	Equipment and defense products, except automotive.....	27,590	28,829	27,830	26,809	-4.3	+3.6	+3.8	24,985	31,154	27,791	26,656	188,882	166,124	
	Automotive equipment.....	17,666	17,404	17,673	17,192	+1.5	-1.5	+2.8	14,748	19,298	18,935	18,642	127,476	95,867	
	Construction materials, supplies and intermediate products.....	14,164	14,444	14,331	14,283	-1.9	+0.8	+0.3	14,029	15,802	14,829	14,620	99,141	87,539	
	Other materials, supplies, and intermediate products.....	83,089	82,724	82,552	82,627	+0.4	+0.2	-0.1	76,537	86,932	84,116	83,711	575,854	501,889	
	Supplementary series: ²														
	Capital goods industries.....	31,599	32,869	31,643	30,784	-3.9	+3.9	+2.8	28,597	35,436	31,511	30,453	215,772	188,665	
	Nondefense.....	25,627	26,892	25,894	24,799	-4.7	+3.9	+4.4	22,992	29,222	25,695	24,515	175,337	151,945	
	Defense.....	5,972	5,977	5,749	5,985	-0.1	+4.0	-3.4	5,605	6,214	5,816	5,938	40,435	36,720	
	Household durable goods industries.....	6,433	6,506	6,299	5,934	-1.1	+3.3	+6.2	5,614	6,767	6,179	5,858	41,882	35,222	

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		Monthly				Percent change			Monthly				Year to date	
		July 1984P	June 1984P	May 1984	Apr. 1984	June-JulyP	May-JuneP	Apr.-May	July 1984P	June 1984P	May 1984	Apr. 1984	1984P	1983
	All manufacturing industries	192,450	190,620	193,680	189,715	+1.0	-1.6	+2.1	175,773	199,212	193,010	190,601	1,339,426	1,163,855
	Manufacturing industries with unfilled orders.....	103,496	102,051	104,482	100,208	+1.4	-2.3	+4.3	92,724	105,394	102,521	100,623	717,916	603,735
	Durable goods industries.....	100,489	99,171	102,256	98,317	+1.3	-3.0	+4.0	89,065	104,411	101,659	99,921	707,763	582,842
	With unfilled orders.....	82,423	81,253	83,935	80,309	+1.4	-3.2	+4.5	73,156	84,450	82,177	80,516	577,091	478,432
32	Stone, clay, and glass products.....	4,466	4,417	4,622	4,508	+1.1	-4.4	+2.5	4,448	4,824	4,763	4,621	31,713	27,742
33	Primary metals.....	10,939	10,155	10,653	11,877	+7.7	-4.7	-10.3	9,839	10,298	10,524	11,950	80,345	68,452
331	Blast furnaces, steel mills....	4,503	3,877	4,357	4,782	+16.1	-11.0	-8.9	4,037	3,863	4,118	4,813	33,301	28,272
333-9	Nonferrous and other primary metals.....	5,069	4,913	5,046	5,770	+3.2	-2.6	-12.5	4,557	5,027	5,099	5,766	37,494	33,482
34	Fabricated metal products.....	10,864	11,084	11,573	10,889	-2.0	-4.2	+6.3	10,082	12,033	11,706	11,062	78,528	67,392
35	Machinery, except electrical....	17,554	18,512	18,797	16,873	-5.2	-1.5	+11.4	15,424	19,932	18,581	17,191	124,203	98,798
351	Engines and turbines.....	2,034	1,456	964	1,227	+39.7	+51.0	-21.4	1,898	1,393	1,056	1,219	9,117	6,192
353	Construction, mining, and material handling equipment..	2,877	2,975	3,042	2,608	-3.3	-2.2	+16.6	2,782	3,166	3,031	2,584	19,551	15,730
354	Metalworking machinery.....	932	825	981	846	+13.0	-15.9	+16.0	857	905	943	862	6,160	4,278
356	General industrial machinery..	1,398	1,466	1,346	1,387	-4.6	+8.9	-3.0	1,302	1,509	1,388	1,377	9,767	7,938
357	Office and computing machines..	3,566	5,108	5,059	4,313	-30.2	+1.0	+17.3	2,544	5,759	4,827	4,372	30,805	25,352
36	Electrical machinery.....	16,156	15,988	17,535	14,716	+1.1	-8.8	+19.2	14,265	16,630	17,105	15,133	113,064	92,066
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	1,946	1,957	1,924	1,988	-0.6	+1.7	-3.2	1,681	2,063	1,905	2,040	14,023	12,176
363	Household appliances.....	1,486	1,525	1,597	1,339	-2.6	-4.5	+19.3	1,441	1,647	1,603	1,347	10,227	8,651
365	Radio and TV.....	823	851	1,144	676	-3.3	-25.6	+69.2	684	1,065	1,110	525	5,864	4,922
366	Communication equipment.....	5,000	5,700	5,606	4,063	-12.3	+1.7	+38.0	4,243	5,304	5,505	4,233	35,489	29,262
367	Electronic components.....	4,350	3,574	4,831	4,163	+21.7	-26.0	+16.0	3,977	4,050	4,629	4,635	30,532	22,600
37	Transportation equipment.....	25,223	24,055	23,776	24,523	+4.9	+1.2	-3.0	20,760	24,894	23,459	24,652	176,390	137,863
372,6	Aircraft, missiles, and parts.	8,181	7,044	6,393	8,001	+16.1	+10.2	-20.1	6,815	7,028	5,487	6,894	52,874	43,450
3731,95	Shipbuilding and military tank vehicles.....	634	923	1,135	402	-31.3	-18.7	+182.3	258	214	718	526	4,704	6,092
38	Instruments and related products	5,018	4,767	5,079	4,775	+5.3	-6.1	+6.4	4,512	5,179	4,900	4,653	32,695	28,582
24,25, 39	All other durable goods.....	10,269	10,193	10,221	10,156	+0.7	-0.3	+0.6	9,735	10,621	10,621	10,659	70,825	61,947
	Nondurable goods industries.....	91,961	91,449	91,424	91,398	+0.6	0.0	0.0	86,708	94,801	91,351	90,680	631,663	581,013
	With unfilled orders.....	21,073	20,798	20,547	19,899	+1.3	+1.2	+3.3	19,568	20,944	20,344	20,107	140,825	125,303
	Market categories:													
	Home goods and apparel.....	12,988	13,057	13,440	12,590	-0.5	-2.8	+6.8	12,142	13,401	13,095	12,417	90,021	80,766
	Consumer staples.....	34,120	33,785	33,806	33,731	+1.0	-0.1	+0.2	32,209	35,132	33,143	32,777	230,430	217,062
	Equipment and defense products, except automotive.....	29,434	30,612	31,044	27,319	-3.8	-1.4	+13.6	25,141	31,021	29,607	26,410	205,770	169,398
	Automotive equipment.....	17,655	17,282	17,561	17,400	+2.2	-1.6	+0.9	14,911	18,997	18,631	18,612	127,361	96,546
	Construction materials, supplies and intermediate products.....	13,980	14,435	14,429	14,267	-3.2	0.0	+1.1	13,882	15,802	15,000	14,621	99,935	87,853
	Other materials, supplies, and intermediate products.....	84,273	81,449	83,400	84,408	+3.5	-2.3	-1.2	77,488	84,859	83,534	85,764	585,909	512,230
	Supplementary series: ²													
	Capital goods industries.....	34,192	35,019	34,637	32,133	-2.4	+1.1	+7.8	29,269	35,377	32,721	31,303	235,836	193,426
	Nondefense.....	27,086	28,029	28,958	25,885	-3.4	-3.2	+11.9	24,186	29,912	28,150	25,854	188,207	148,887
	Defense.....	7,106	6,990	5,679	6,248	+1.7	+23.1	-9.1	5,083	5,465	4,571	5,449	47,629	44,539
	Household durable goods industries.....	6,351	6,394	6,544	5,832	-0.7	-2.3	+12.2	5,681	6,602	6,661	5,996	43,099	36,717

P Preliminary. R Revised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFULFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)														
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		End of month				Percent change			End of month					
		July 1984P	June 1984P	May 1984	Apr. 1984	June- JulyP	May- JuneP	Apr.- May	July 1984P	June 1984P	May 1984	Apr. 1984	July 1983	
	All manufacturing industries..	358,353	355,625	355,398	351,099	+0.8	+0.1	+1.2	356,832	355,590	358,317	356,717	310,259	
	Durable goods industries.....	347,450	344,765	344,631	340,320	+0.8	0.0	+1.3	345,876	344,731	347,289	345,592	299,806	
32	Stone, clay, and glass products...	2,299	2,342	2,419	2,410	-1.8	-3.2	+0.4	2,374	2,390	2,489	2,446	2,057	
33	Primary metals.....	20,481	20,877	22,210	22,899	-1.9	-6.0	-3.0	20,228	20,686	22,603	23,834	17,752	
331	Blast furnaces, steel mills.....	9,057	9,413	10,442	11,116	-3.8	-9.9	-6.1	8,930	9,281	10,682	11,661	8,109	
333-9	Nonferrous and other primary metals.....	8,150	8,269	8,706	8,765	-1.4	-5.0	-0.7	8,060	8,303	8,871	9,107	7,294	
34	Fabricated metal products.....	20,777	21,146	21,208	20,854	-1.7	-0.3	+1.7	21,112	21,344	21,328	21,049	21,227	
35	Machinery, except electrical.....	63,505	63,095	62,400	61,309	+0.6	+1.1	+1.8	63,376	63,408	63,004	62,066	54,882	
351	Engines and turbines.....	15,142	14,413	14,230	14,494	+5.1	+1.3	-1.8	15,003	14,249	14,254	14,445	14,324	
353	Construction, mining, and material handling equipment....	6,273	6,235	6,244	6,045	+0.6	-0.1	+3.3	6,280	6,222	6,251	6,100	5,468	
354	Metalworking machinery.....	2,928	2,841	2,793	2,660	+3.1	+1.7	+5.0	2,948	2,826	2,776	2,657	2,275	
356	General industrial machinery....	4,798	4,837	4,704	4,753	-0.8	+2.8	-1.0	4,832	4,841	4,775	4,800	4,424	
357	Office and computing machines...	22,328	22,823	22,505	21,940	-2.2	+1.4	+2.6	22,596	23,508	23,022	22,356	18,897	
36	Electrical machinery.....	79,255	78,214	77,662	75,129	+1.3	+0.7	+3.4	79,186	78,495	78,375	76,237	64,928	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	6,129	6,258	6,349	6,458	-2.1	-1.4	-1.7	6,154	6,271	6,415	6,551	6,661	
363	Household appliances.....	511	538	612	501	-5.0	-12.1	+22.2	554	569	655	521	484	
365	Radio and TV.....	609	661	589	380	-7.9	+12.2	+55.0	658	680	525	256	685	
366	Communication equipment.....	47,616	46,940	45,929	44,761	+1.4	+2.2	+2.6	47,007	46,710	46,447	45,449	40,302	
367	Electronic components.....	22,892	22,370	22,716	21,571	+2.3	-1.5	+5.3	23,304	22,818	22,875	22,003	15,490	
37	Transportation equipment.....	147,203	145,534	145,107	144,527	+1.1	+0.3	+0.4	145,205	144,514	145,445	146,448	125,754	
372,6	Aircraft, missiles, and parts...	116,269	114,309	113,849	113,463	+1.7	+0.4	+0.3	115,324	114,200	114,145	114,704	96,268	
3731,95	Shipbuilding and military tank vehicles.....	22,313	22,522	22,495	22,139	-0.9	+0.1	+1.6	21,433	22,013	22,735	22,835	22,992	
38	Instruments and related products..	8,222	8,087	8,092	7,824	+1.7	-0.1	+3.4	8,271	8,145	8,088	7,898	7,755	
24,25, 39	All other durable goods.....	5,708	5,470	5,533	5,368	+4.4	-1.1	+3.1	6,124	5,749	5,957	5,614	5,451	
	Nondurable goods industries.....	10,903	10,860	10,767	10,779	+0.4	+0.9	-0.1	10,956	10,859	11,028	11,125	10,453	
	Market categories:													
	Home goods and apparel.....	4,529	4,590	4,733	4,499	-1.3	-3.0	+5.2	5,045	4,936	5,143	4,629	4,583	
	Consumer staples.....	632	670	682	663	-5.7	-1.8	+2.9	615	617	631	651	694	
	Equipment and defense products, except automotive.....	215,789	213,950	212,164	208,951	+0.9	+0.8	+1.5	213,784	213,619	213,753	211,933	186,292	
	Automotive equipment.....	7,876	7,888	8,010	8,121	-0.2	-1.5	-1.4	7,664	7,501	7,802	8,105	6,030	
	Construction materials, supplies and intermediate products.....	12,377	12,561	12,570	12,471	-1.5	-0.1	+0.8	12,644	12,791	12,791	12,621	12,761	
	Other materials, supplies, and intermediate products.....	117,150	115,966	117,239	116,394	+1.0	-1.1	+0.7	117,080	116,126	118,197	118,778	99,899	
	Supplementary series: ²													
	Capital goods industries.....	259,405	256,817	254,663	251,670	+1.0	+0.8	+1.2	256,986	256,305	256,364	255,150	224,455	
	Nondefense.....	136,171	134,717	133,575	130,512	+1.1	+0.9	+2.3	135,982	134,782	134,091	131,633	119,220	
	Defense.....	123,234	122,100	121,088	121,158	+0.9	+0.8	-0.1	121,004	121,523	122,273	123,517	105,235	
	Household durable goods industries.....	3,961	4,043	4,154	3,911	-2.0	-2.7	+6.2	4,420	4,355	4,520	4,036	4,090	

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)														
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		End of month				Percent change			End of month					
		July 1984P	June 1984P	May 1984	Apr. 1984	June- JulyP	May- JuneP	Apr.- May	July 1984P	June 1984P	May 1984	Apr. 1984	July 1983	
	All manufacturing industries..	279,989	277,481	274,593	270,392	+0.9	+1.1	+1.6	279,476	277,528	276,642	272,650	257,219	
	Manufacturing industries with unfilled orders.....	192,577	190,065	187,767	184,914	+1.3	+1.2	+1.5	193,345	191,256	189,911	186,654	176,713	
	Durable goods industries.....	184,531	182,452	180,578	177,993	+1.1	+1.0	+1.5	184,514	183,014	182,319	179,644	169,776	
	With unfilled orders.....	169,303	167,098	165,128	162,476	+1.3	+1.2	+1.6	169,554	167,685	166,695	163,855	155,500	
32	Stone, clay, and glass products...	5,904	5,860	5,782	5,730	+0.8	+1.3	+0.9	5,919	5,932	5,957	5,904	5,761	
322	Glass containers.....	624	633	623	628	-1.4	+1.6	-0.8	637	641	643	645	630	
33	Primary metals.....	21,216	21,150	20,934	20,313	+0.3	+1.0	+3.1	21,161	20,947	20,945	20,409	20,047	
331	Blast furnaces, steel mills....	9,933	9,902	9,778	9,444	+0.3	+1.3	+3.5	9,972	9,754	9,681	9,293	9,751	
333-9	Nonferrous and other primary metals.....	9,978	9,942	9,843	9,599	+0.4	+1.0	+2.5	9,918	9,893	9,912	9,791	9,153	
34	Fabricated metal products.....	18,390	18,547	18,231	18,167	-0.8	+1.7	+0.4	18,486	18,890	18,604	18,526	17,628	
341	Metal cans, barrels, and drums..	1,932	2,061	2,057	2,123	-6.3	+0.2	-3.1	2,050	2,283	2,322	2,378	2,205	
35	Machinery, except electrical.....	39,042	38,519	38,155	37,873	+1.4	+1.0	+0.7	39,154	38,730	38,689	38,195	37,571	
351	Engines and turbines.....	2,314	2,257	2,281	2,197	+2.5	-1.1	+3.8	2,290	2,246	2,260	2,224	2,146	
352	Farm machinery and equipment....	1,838	1,860	1,864	1,907	-1.2	-0.2	-2.3	1,827	1,925	1,918	1,974	1,913	
353	Construction, mining, and material handling equipment....	6,808	6,813	6,938	7,064	-0.1	-1.8	-1.8	6,829	6,875	7,076	7,142	7,692	
354	Metalworking machinery.....	2,342	2,370	2,336	2,316	-1.2	+1.5	+0.9	2,365	2,380	2,357	2,314	2,323	
356	General industrial machinery....	3,608	3,542	3,529	3,495	+1.9	+0.4	+1.0	3,612	3,570	3,561	3,530	3,749	
357	Office and computing machines...	11,459	11,072	10,870	10,641	+3.5	+1.9	+2.2	11,608	11,094	10,957	10,577	9,995	
36	Electrical machinery.....	30,798	30,174	29,732	29,201	+2.1	+1.5	+1.8	30,929	30,567	30,247	29,640	26,924	
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,410	4,368	4,301	4,269	+1.0	+1.6	+0.7	4,419	4,411	4,387	4,305	3,975	
363	Household appliances.....	2,317	2,294	2,335	2,310	+1.0	-1.8	+1.1	2,338	2,420	2,501	2,446	1,821	
365	Radio and TV.....	1,234	1,204	1,141	1,097	+2.5	+5.5	+4.0	1,292	1,236	1,169	1,100	989	
366	Communication equipment.....	12,211	11,882	11,664	11,407	+2.8	+1.9	+2.3	12,202	11,877	11,753	11,538	10,660	
367	Electronic components.....	6,155	6,045	5,980	5,871	+1.8	+1.1	+1.9	6,198	6,111	6,010	5,924	5,487	
37	Transportation equipment.....	45,095	44,219	43,757	42,756	+2.0	+1.1	+2.3	44,643	43,703	43,616	42,807	38,946	
371	Motor vehicles and parts.....	10,579	10,281	10,178	9,974	+2.9	+1.0	+2.0	10,056	9,932	10,022	9,917	8,094	
372,6	Aircraft, missiles, and parts...	31,481	30,921	30,600	29,904	+1.8	+1.0	+2.3	31,649	30,820	30,673	30,026	27,930	
3731,95	Shipbuilding and military tank vehicles.....	1,316	1,278	1,290	1,258	+3.0	-0.9	+2.5	1,317	1,302	1,288	1,262	1,574	
38	Instruments and related products..	9,468	9,358	9,294	9,146	+1.2	+0.7	+1.6	9,533	9,543	9,465	9,306	8,947	
381-4	Scientific and engineering instruments.....	6,758	6,657	6,636	6,560	+1.5	+0.3	+1.2	6,792	6,777	6,716	6,659	6,419	
386	Photographic goods.....	2,140	2,127	2,107	2,048	+0.6	+0.9	+2.9	2,163	2,182	2,181	2,097	1,995	
24,25, 39	All other durable goods.....	14,618	14,625	14,693	14,807	0.0	-0.5	-0.8	14,689	14,702	14,796	14,857	13,952	
	Nondurable goods industries.....	95,458	95,029	94,015	92,399	+0.5	+1.1	+1.7	94,962	94,514	94,323	93,006	87,443	
	With unfilled orders.....	23,274	22,967	22,639	22,438	+1.3	+1.4	+0.9	23,791	23,571	23,216	22,799	21,209	
20	Food and kindred products.....	21,971	22,071	22,203	21,511	-0.5	-0.6	+3.2	20,974	20,726	21,208	21,018	19,437	
201	Meat products.....	2,343	2,279	2,257	2,152	+2.8	+1.0	+4.9	2,268	2,263	2,318	2,262	1,909	
208	Beverages.....	3,533	3,538	3,518	3,486	-0.1	+0.6	+0.9	3,385	3,485	3,553	3,566	3,445	
207	Fats and oils.....	1,544	1,635	1,789	1,602	-5.6	-8.6	+11.7	1,334	1,501	1,674	1,652	1,133	
203-6,9	All other foods.....	12,703	12,829	12,848	12,470	-1.0	-0.1	+3.0	12,094	11,649	11,820	11,710	11,162	
21	Tobacco products.....	3,505	3,566	3,645	3,683	-1.7	-2.2	-1.0	3,211	3,360	3,561	3,746	4,077	
22	Textile mill products.....	7,354	7,301	7,203	7,097	+0.7	+1.4	+1.5	7,364	7,385	7,421	7,259	6,600	
26	Paper and allied products.....	9,334	9,203	9,123	9,036	+1.4	+0.9	+1.0	9,413	9,412	9,362	9,233	8,442	
261-3,6	Pulp, paper etc.....	3,460	3,385	3,327	3,322	+2.2	+1.7	+0.2	3,454	3,425	3,395	3,364	3,250	
265	Paperboard containers.....	2,541	2,481	2,475	2,454	+2.4	+0.2	+0.9	2,602	2,561	2,530	2,501	2,230	
264	All other paper products.....	3,333	3,337	3,321	3,260	-0.1	+0.5	+1.9	3,357	3,426	3,437	3,368	2,962	
28	Chemicals and allied products....	21,804	21,617	20,810	20,585	+0.9	+3.9	+1.1	21,719	21,452	21,038	20,911	19,400	
281,6	Industrial chemicals, except pigments.....	6,973	6,868	6,449	6,375	+1.5	+6.5	+1.2	6,987	6,848	6,533	6,438	5,805	
283,4	Drugs, soaps, and toiletries....	6,732	6,634	6,600	6,594	+1.5	+0.5	+0.1	6,766	6,766	6,784	6,699	6,227	
29	Petroleum and coal products.....	8,905	8,892	9,050	8,947	+0.1	-1.7	+1.2	8,961	8,808	8,971	8,831	8,646	
30	Rubber and plastics products.....	6,230	6,185	5,992	5,786	+0.7	+3.2	+3.6	6,192	6,271	6,180	6,056	5,706	
23,27, 31	All other nondurable goods.....	16,355	16,194	15,989	15,754	+1.0	+1.3	+1.5	17,128	17,100	16,582	15,952	15,135	
	Market categories:													
	Home goods and apparel.....	22,570	22,405	22,261	22,023	+0.7	+0.6	+1.1	23,209	23,428	23,158	22,367	20,752	
	Consumer staples.....	33,957	33,839	33,773	33,257	+0.3	+0.2	+1.6	32,998	32,651	33,049	32,938	31,649	
	Equipment and defense products, except automotive.....	79,194	77,863	77,061	76,020	+1.7	+1.0	+1.4	79,364	78,095	77,796	76,628	73,274	
	Automotive equipment.....	12,904	12,621	12,479	12,163	+2.2	+1.1	+2.6	12,271	12,223	12,338	12,147	10,051	
	Construction materials, supplies and intermediate products.....	19,756	19,663	19,579	19,539	+0.5	+0.4	+0.2	19,731	19,823	19,784	19,838	18,998	
	Other materials, supplies, and intermediate products.....	111,608	111,090	109,440	107,390	+0.5	+1.5	+1.9	111,903	111,308	110,517	108,732	102,495	
	Supplementary series: ²													
	Capital goods industries.....	90,370	88,778	87,746	86,342	+1.8	+1.2	+1.6	90,691	89,069	88,636	86,991	83,223	
	Nondefense.....	69,599	68,789	68,254	67,417	+1.2	+0.8	+1.2	69,677	68,791	68,830	67,891	65,620	
	Defense.....	20,771	19,989	19,492	18,925	+3.9	+2.5	+3.0	21,014	20,278	19,806	19,100	17,603	
	Household durable goods industries.....	10,905	10,801	10,668	10,623	+1.0	+1.2	+0.4	11,095	11,092	11,009	10,801	9,925	

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)													
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted				
		End of month				Percent change			End of month				
		July 1984 ^P	June 1984 ^F	May 1984	Apr. 1984	June- July ^P	May- June ^F	Apr.- May	July 1984 ^P	June 1984 ^F	May 1984	Apr. 1984	July 1983
MATERIALS AND SUPPLIES													
	All manufacturing industries..	91,984	91,915	91,609	90,003	+0.1	+0.3	+1.8	91,975	91,522	91,642	90,458	84,694
	Durable goods industries.....	54,784	54,420	53,967	53,072	+0.7	+0.8	+1.7	54,926	54,209	53,825	52,996	50,367
32	Stone, clay, and glass products...	1,933	1,921	1,947	1,884	+0.6	-1.3	+3.3	1,933	1,917	1,934	1,886	1,924
33	Primary metals.....	6,776	6,707	6,587	6,428	+1.0	+1.8	+2.5	6,710	6,557	6,406	6,237	6,747
34	Fabricated metal products.....	7,335	7,357	7,203	7,195	-0.3	+2.1	+0.1	7,392	7,351	7,248	7,249	6,782
35	Machinery, except electrical.....	11,599	11,185	11,258	10,984	+3.7	-0.6	+2.5	11,641	11,204	11,324	11,069	10,744
36	Electrical Machinery.....	8,312	8,199	8,061	7,936	+1.4	+1.7	+1.6	8,455	8,270	8,124	8,069	7,327
37	Transportation equipment.....	10,604	10,876	10,852	10,699	-2.5	+0.2	+1.4	10,548	10,883	10,870	10,689	9,285
38	Instruments and related products..	2,823	2,801	2,720	2,603	+0.8	+3.0	+4.5	2,822	2,808	2,724	2,610	2,481
24,25, 39	All other durable goods.....	5,402	5,374	5,339	5,343	+0.5	+0.7	-0.1	5,425	5,219	5,195	5,187	5,077
	Nondurable goods industries.....	37,200	37,495	37,642	36,931	-0.8	-0.4	+1.9	37,049	37,313	37,817	37,462	34,327
20	Food and kindred products.....	7,751	8,221	8,485	8,292	-5.7	-3.1	+2.3	7,475	7,883	8,334	8,374	7,236
21	Tobacco products.....	3,013	3,044	3,139	3,155	-1.0	-3.0	-0.5	2,800	2,932	3,110	3,260	3,581
22	Textile mill products.....	2,298	2,347	2,284	2,238	-2.1	+2.8	+2.1	2,328	2,367	2,360	2,290	2,085
26	Paper and allied products.....	4,830	4,882	4,762	4,685	-1.1	+2.5	+1.6	4,883	4,926	4,775	4,713	4,162
28	Chemicals and allied products.....	8,268	8,264	8,197	7,913	0.0	+0.8	+3.6	8,332	8,189	8,264	8,030	7,324
29	Petroleum and coal products.....	2,315	2,163	2,115	2,166	+7.0	+2.3	-2.4	2,302	2,236	2,250	2,221	2,292
30	Rubber and plastics products.....	2,230	2,190	2,301	2,239	+1.8	-4.8	+2.8	2,252	2,227	2,307	2,282	2,054
23,27, 31	All other nondurable goods.....	6,495	6,384	6,359	6,243	+1.7	+0.4	+1.9	6,677	6,553	6,417	6,292	5,593
WORK IN PROCESS													
	All manufacturing industries..	100,287	99,023	97,680	96,327	+1.3	+1.4	+1.4	100,047	98,604	98,438	97,013	90,499
	Durable goods industries.....	85,144	83,863	82,658	81,465	+1.5	+1.5	+1.5	84,912	83,547	83,213	81,971	76,025
32	Stone, clay, and glass products...	770	775	741	743	-0.6	+4.6	-0.3	762	794	780	794	797
33	Primary metals.....	8,328	8,369	8,261	8,090	-0.5	+1.3	+2.1	8,405	8,300	8,323	8,126	7,430
34	Fabricated metal products.....	6,519	6,550	6,429	6,362	-0.5	+1.9	+1.1	6,609	6,716	6,604	6,512	6,162
35	Machinery, except electrical.....	16,139	16,154	15,746	15,798	-0.1	+2.6	-0.3	15,987	16,037	15,948	15,872	15,130
36	Electrical Machinery.....	16,389	16,064	15,813	15,515	+2.0	+1.6	+1.9	16,425	16,170	16,002	15,650	14,289
37	Transportation equipment.....	29,469	28,416	28,044	27,275	+3.7	+1.3	+2.8	29,135	27,895	27,867	27,307	24,899
38	Instruments and related products..	3,958	3,961	3,985	3,935	-0.1	-0.6	+1.3	3,982	4,031	4,031	4,005	3,994
24,25, 39	All other durable goods.....	3,572	3,574	3,639	3,747	-0.1	-1.8	-2.9	3,607	3,604	3,658	3,705	3,324
	Nondurable goods industries.....	15,143	15,160	15,022	14,862	-0.1	+0.9	+1.1	15,135	15,057	15,225	15,042	14,474
20	Food and kindred products.....	1,794	1,737	1,696	1,724	+3.3	+2.4	-1.6	1,727	1,702	1,703	1,725	1,679
21	Tobacco products.....	256	280	256	258	-8.6	+9.4	-0.8	185	171	193	194	168
22	Textile mill products.....	2,158	2,130	2,196	2,167	+1.3	-3.0	+1.3	2,132	2,114	2,214	2,200	2,070
26	Paper and allied products.....	1,095	1,070	1,112	1,087	+2.3	-3.8	+2.3	1,101	1,111	1,130	1,105	1,111
28	Chemicals and allied products.....	3,711	3,729	3,480	3,429	-0.5	+7.2	+1.5	3,703	3,725	3,557	3,483	3,314
29	Petroleum and coal products.....	1,577	1,633	1,808	1,717	-3.4	-9.7	+5.3	1,606	1,630	1,847	1,759	1,761
30	Rubber and plastics products.....	1,175	1,185	1,028	989	-0.8	+15.3	+3.9	1,169	1,158	1,025	1,019	999
23,27, 31	All other nondurable goods.....	3,377	3,396	3,446	3,491	-0.6	-1.5	-1.3	3,512	3,446	3,556	3,557	3,372
FINISHED GOODS													
	All manufacturing industries..	87,718	86,543	85,304	84,062	+1.4	+1.5	+1.5	87,454	87,402	86,562	85,179	82,026
	Durable goods industries.....	44,603	44,169	43,953	43,456	+1.0	+0.5	+1.1	44,676	45,258	45,281	44,677	43,384
32	Stone, clay, and glass products...	3,201	3,164	3,094	3,103	+1.2	+2.3	-0.3	3,224	3,221	3,243	3,224	3,040
33	Primary metals.....	6,112	6,074	6,086	5,795	+0.6	-0.2	+5.0	6,046	6,090	6,216	6,046	5,870
34	Fabricated metal products.....	4,536	4,640	4,599	4,610	-2.2	+0.9	-0.2	4,485	4,823	4,752	4,765	4,684
35	Machinery, except electrical.....	11,304	11,180	11,151	11,091	+1.1	+0.3	+0.5	11,526	11,489	11,417	11,254	11,697
36	Electrical Machinery.....	6,097	5,911	5,858	5,750	+3.1	+0.9	+1.9	6,049	6,127	6,121	5,921	5,308
37	Transportation equipment.....	5,022	4,927	4,861	4,782	+1.9	+1.4	+1.7	4,960	4,925	4,879	4,811	4,762
38	Instruments and related products..	2,687	2,596	2,589	2,608	+3.5	+0.3	-0.7	2,729	2,704	2,710	2,691	2,472
24,25, 39	All other durable goods.....	5,644	5,677	5,715	5,717	-0.6	-0.7	0.0	5,657	5,879	5,943	5,965	5,551
	Nondurable goods industries.....	43,115	42,374	41,351	40,606	+1.7	+2.5	+1.8	42,778	42,144	41,281	40,502	38,642
20	Food and kindred products.....	12,426	12,113	12,022	11,495	+2.6	+0.8	+4.6	11,772	11,141	11,171	10,919	10,522
21	Tobacco products.....	236	242	250	270	-2.5	-3.2	-7.4	226	257	258	292	328
22	Textile mill products.....	2,898	2,824	2,723	2,692	+2.6	+3.7	+1.2	2,904	2,904	2,847	2,769	2,445
26	Paper and allied products.....	3,409	3,251	3,249	3,264	+4.9	+0.1	-0.5	3,429	3,375	3,457	3,415	3,169
28	Chemicals and allied products.....	9,825	9,624	9,133	9,243	+2.1	+5.4	-1.2	9,684	9,538	9,217	9,398	8,762
29	Petroleum and coal products.....	5,013	5,096	5,127	5,064	-1.6	-0.6	+1.2	5,053	4,942	4,874	4,851	4,593
30	Rubber and plastics products.....	2,825	2,810	2,663	2,558	+0.5	+5.5	+4.1	2,771	2,886	2,848	2,755	2,653
23,27, 31	All other nondurable goods.....	6,483	6,414	6,184	6,020	+1.1	+3.7	+2.7	6,939	7,101	6,609	6,103	6,170

^PPreliminary.^FRevised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio ¹			
		July 1984 ^P	June 1984 ^F	May 1984	Apr. 1984	July 1984 ^P	June 1984 ^F	May 1984	Apr. 1984
	All manufacturing industries.....	1.48	1.46	1.45	1.44	3.56	3.49	3.55	3.59
	Durable goods industries.....	1.89	1.84	1.84	1.86	4.36	4.25	4.33	4.38
32	Stone, clay, and glass products.....	1.31	1.30	1.25	1.28	0.56	0.57	0.57	0.59
33	Primary metals.....	1.87	1.84	1.85	1.82	1.81	1.82	1.96	2.05
34	Fabricated metal products.....	1.64	1.66	1.63	1.66	2.03	2.08	2.06	2.08
35	Machinery, except electrical.....	2.28	2.16	2.16	2.26	3.88	3.72	3.72	3.87
36	Electrical machinery.....	2.04	1.95	1.98	2.00	5.24	5.07	5.18	5.14
37	Transportation equipment.....	1.91	1.87	1.89	1.87	11.85	11.36	12.02	11.90
38	Instruments and related products.....	1.94	1.96	1.93	1.93	1.68	1.69	1.68	1.65
	Nondurable goods industries.....	1.04	1.04	1.03	1.01	0.52	0.52	0.52	0.54
20	Food and kindred products.....	0.88	0.90	0.89	0.86	(X)	(X)	(X)	(X)
21	Tobacco products.....	2.71	2.28	2.58	2.79	(X)	(X)	(X)	(X)
22	Textile mill products.....	1.61	1.59	1.54	1.50	1.36	1.32	1.34	1.34
26	Paper and allied products.....	1.13	1.12	1.14	1.16	0.42	0.43	0.42	0.42
28	Chemicals and allied products.....	1.20	1.21	1.19	1.17	(X)	(X)	(X)	(X)
29	Petroleum and coal products.....	0.55	0.54	0.55	0.52	(X)	(X)	(X)	(X)
30	Rubber and plastics products.....	1.39	1.42	1.36	1.34	(X)	(X)	(X)	(X)

^PPreliminary. ^FRevised. (X) Not applicable. (NA) Not available.¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

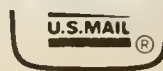
SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago July 1983	All Julys 1979-1983	July 1983-June 1984	Year ago July 1983	All Julys 1979-1983	July 1983-June 1984	Year ago July 1983	All Julys 1979-1983	July 1983-June 1984	Year ago July 1983	All Julys 1979-1983	July 1983-June 1984
	All manufacturing industries.	0.3	0.4	0.3	0.0	0.5	0.3	0.1	0.3	0.1	0.1	0.2	0.1
	Durable goods industries	0.0	0.5	0.3	0.6	0.9	0.6	0.1	0.2	0.2	0.0	0.1	0.2
32	Stone, clay, and glass products..	1.2	1.3	0.8	1.0	1.3	0.9	0.4	0.4	1.0	0.6	0.7	0.5
33	Primary metals	1.8	1.7	0.7	0.7	1.0	1.5	1.1	0.4	0.7	0.2	0.2	0.2
34	Fabricated metal products	0.1	0.4	0.8	0.1	1.3	1.0	0.0	0.3	0.3	0.3	0.5	0.3
35	Machinery, except electrical	0.5	1.2	0.6	0.4	3.6	0.8	0.3	0.7	0.2	0.1	0.1	0.3
36	Electrical machinery	1.2	0.6	0.8	1.9	0.7	1.0	0.2	0.1	0.2	0.0	0.2	0.2
37	Transportation equipment	0.6	1.0	0.6	0.5	1.0	1.4	0.0	0.0	0.2	0.1	0.2	0.3
38	Instruments and related products.	0.7	1.0	1.0	1.0	2.5	1.0	1.0	0.7	0.4	0.4	0.3	0.4
	Nondurable goods industries	0.6	0.7	0.3	0.6	0.7	0.3	0.1	0.6	0.4	0.2	0.4	0.2
20	Food and kindred products	0.2	0.9	0.6	(X)	(X)	(X)	(X)	(X)	(X)	1.1	0.9	0.5
21	Tobacco products	0.6	2.1	0.3	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.6	0.2
22	Textile mill products	1.4	1.8	0.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.1	0.5	0.5
26	Paper and allied products	0.1	1.5	0.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.6	1.0	0.3
28	Chemicals and allied products ...	2.7	1.7	1.3	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.4	0.6
29	Petroleum and coal products	0.4	0.7	0.6	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.7	0.5
30	Rubber and plastics products	1.1	1.2	0.9	(X)	(X)	(X)	(X)	(X)	(X)	2.0	0.8	0.5
	Capital Goods Industries:												
	Nondefense.....	0.2	0.9	0.5	0.1	2.0	0.7	0.1	0.2	0.1	0.3	0.2	0.2
	Defense.....	2.1	1.3	0.8	2.0	1.7	2.4	0.2	0.1	0.1	1.3	0.4	0.5

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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